



## Trade Press Release

### **CAE launches Unmanned Aerial System (UAS) Mission Trainer**

- **Open, integrated product solution designed to meet training and mission readiness requirements in growing unmanned systems market**

**Ottawa, Canada, November 7, 2012** – (NYSE: CAE; TSX: CAE) – Today at the Unmanned Systems Canada conference, CAE announced the launch of its UAS Mission Trainer product.

The CAE UAS Mission Trainer combines an open architecture with commercial-off-the-shelf hardware and simulation software to provide a comprehensive, platform-agnostic training system for UAS pilots, sensor operators, and mission commanders.

The CAE UAS Mission Trainer is currently being installed at the UAS Centre of Excellence in Alma, Quebec, where it will be used to train pilots and sensor operators of the Miskam UAS. CAE and Aeronautics are using the Miskam UAS, which is a Canadian version of the Aeronautics Dominator XP, to demonstrate how unmanned systems can be used for civil applications such as remote inspection of pipelines and hydroelectric installations, surveillance of forest fires, observation of critical natural resources and a range of other applications.

“Unmanned systems are changing the nature of warfare and will continue to bring new capabilities to defence forces, and in the future will find a role in civil applications,” said Gene Colabatisto, Group President, Military Products, Training and Services, CAE. “To fully leverage the capabilities of unmanned systems requires well-trained pilots and sensor operators, and integrating unmanned systems into the broader distributed mission operations environment. Our UAS Mission Trainer was specifically designed as an open, flexible product ideal for individual, crew, or networked training.”

The CAE UAS Mission Trainer is platform-agnostic, meaning the product can be tailored to simulate any specific UAS with any sensor payload suite. Leveraging the common database (CDB) open architecture and commercially available technology, CAE's UAS Mission Trainer is not subject to any international traffic in arms regulations (ITAR) or restrictions. The completely immersive synthetic environment provides capabilities for training as well as mission planning and mission rehearsal. The CAE UAS Mission Trainer is available as an integrated product that includes:

- Ground control station (GCS) that is STANAG 4586-compliant;
- High-fidelity simulation software for sensors such as electro-optical (EO), infrared (IR), synthetic aperture radar (SAR), and others;
- Simulated communication systems;
- Simulation software for generating training scenarios;
- CAE Medallion-6000 image generator;
- Tactical synthetic environment and computer-generated forces representing maritime, ground and air assets;
- Instructor operator and mission brief/de-brief station;
- Correlated weather simulation.

“By addressing the often difficult integration issues and basing our product on an open architecture and COTS software, we have developed a cost-effective, low-risk UAS Mission Trainer that will help customers train and prepare their UAS mission crews,” said Colabatistto.

CAE is demonstrating its UAS Mission Trainer at Unmanned Systems Canada (Booth #9/10) and will also demonstrate the UAS Mission Trainer at the Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC), Booth #1433, in Orlando, Florida from December 3-6, 2012.

CAE is a global leader in modelling, simulation and training for civil aviation and defence. The company employs close to 8,000 people at more than 100 sites and training locations in approximately 30 countries. CAE offers civil aviation, military, and helicopter training services in more than 45 locations worldwide and trains approximately 100,000 crewmembers yearly. In addition, the CAE Oxford Aviation Academy offers training to aspiring pilot cadets in 11 CAE-operated flight schools. CAE’s business is diversified, ranging from the sale of simulation products to providing comprehensive services such as training and aviation services, integrated enterprise solutions, in-service support and crew sourcing. The company applies simulation expertise and operational experience to help customers enhance safety, improve efficiency, maintain readiness and solve challenging problems. CAE is now leveraging its simulation capabilities in new markets such as healthcare and mining. [www.cae.com](http://www.cae.com)

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